

PROCESSING

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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S E C R E T

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COUNTRY Hungary

REPORT

SUBJECT

Industrial
Enterprises in the Borsod Area

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two reports on industrial enterprises
in the Borsod area. Information contained therein deals mainly with the Borsod
Thermal Power Plant. In addition, the following plants are mentioned:

a power plant under construction, situated at Tiszalok;
another unidentified power plant;
a coal grading plant;
a coking plant;
a chemical factory for the production of fertilizers and concentrated
nitric acid.

Furthermore, information is given on a new highway leading from Miskolc
to the Czechoslovak border.

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H U N G A R YIndustrialBORSODI Thermal Power Station

1. A large coal-fired power station is situated between MISKOLO and KAZINCBARCIKA, on the River SAJO, about 6 km. from KAZINCBARCIKA. The plant is officially known as BORSODI District Thermal Power Station. Construction was started in 1950 and the plant is not yet complete.
2. The power station, which employs 1,500 to 1,600 workers, is intended to produce nearly 200 megawatts. There are ten boilers, which are heated from furnaces into which coal is sprayed. There are six turbine-generator sets, each producing 30-32 megawatts. Electricity is generated at 11,000 volts/50 c/s. The output is transformed in six stages and is eventually fed into the national grid system at 120,000 volts. By November, 1956 eight boilers and five generator sets were in operation. Completion of the plant was scheduled for 1st December, 1956, but was interrupted by the Hungarian revolution. The plant suffered no physical damage in the uprising, but many workers left and the East German employees (about eighty of them), who were engaged on installation work, were sent home.
3. The boilers, turbines and generators were of East German origin, as was most of the switch gear. Two chimney stacks were being used; a third had been completed but was not in operation. There was one concrete cooling tower 48 m. high. Coal was brought to the furnaces by a rubber conveyor belt from the neighbouring coal grading station, which was supplied by numerous railway spurs.
4. Power was distributed by overhead lines, two sets of 3-phase power being carried to TISZALOK and straightforward 3-phase lines radiating in other directions. A pumping station on the banks of the river supplied cooling water for the plant. This was electrically driven and was supplied on 3,000 volts. Also on the river bank was a very small hydro-electric plant (driven by a fall in river level) used for providing electric power to the site.

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5. The distribution of power via the national grid was controlled from BUDAPEST. Power from the Hungarian system was connected to the Czechoslovak grid and [] there may have been connection also with the system in the U.S.S.R.

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6. A power station was under construction at TISZALOK and was intended to supply 220 megawatts. This was, however, not even half completed.

7. The power station employees lived mostly in KAZINCBARCIKA UJVAROS, which is about 1 km. from KAZINCBARCIKA. KAZINCBARCIKA UJVAROS is already a town. Workers are conveyed to the power station by buses.

8. Miscellaneous information on the area.

(a) There are four industrial enterprises in BORSODI:

- (i) The power station.
- (ii) The coal grading station.
- (iii) A cooking plant.
- (iv) The B.V.K. chemical plant, which produces fertiliser and explosives for military purposes.

(b) A new highway is under construction from MISKOLC to the Czechoslovak frontier and has been completed as far as BANREVE.

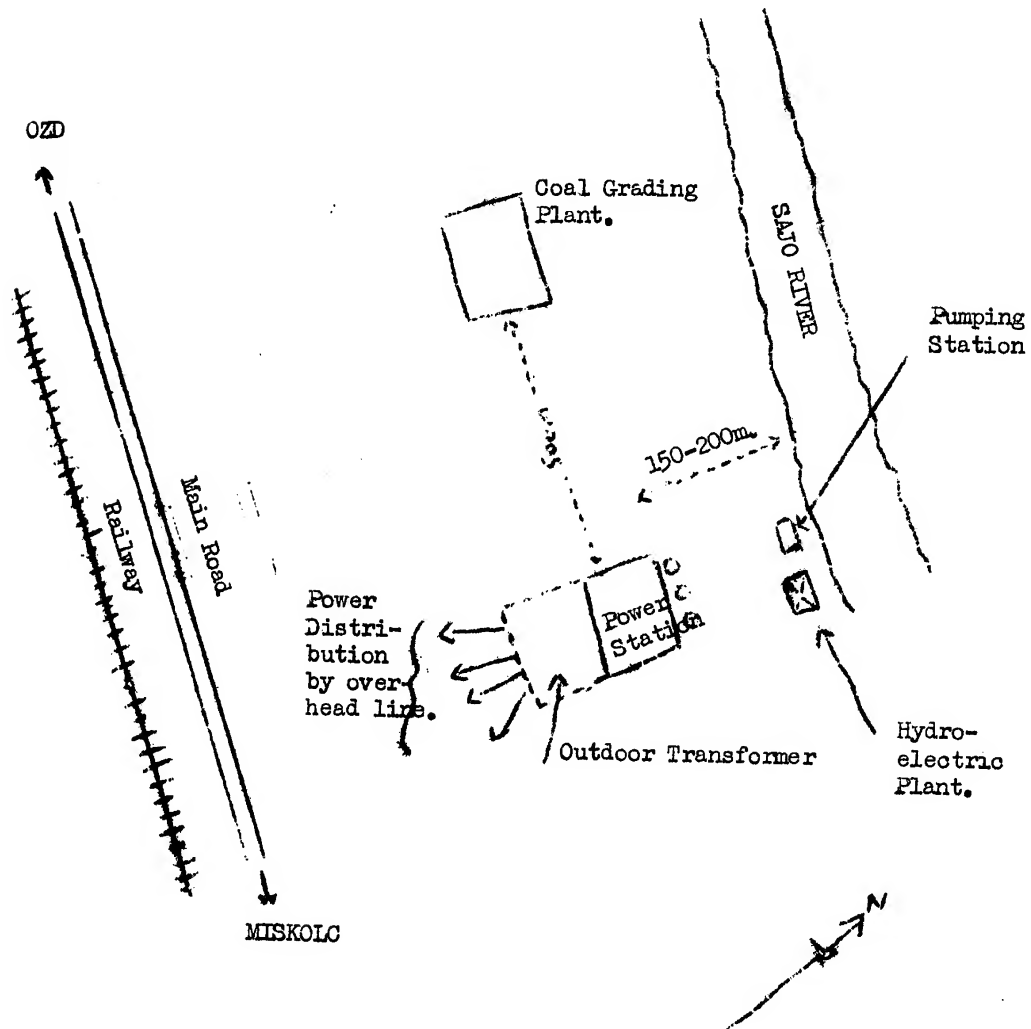
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LAYOUT OF BORSODI POWER STATION, NEAR MISKOLC, N.E. HUNGARY



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H U N G A R Y

Economic

BORSOD Factory at KAZINCBARCIKA

1. This factory , intended for the production of fertilisers and concentrated nitric acid, should have begun working in 1956. There was, however, an explosion, believed to be from a high pressure compressor, which delayed the commencement.

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